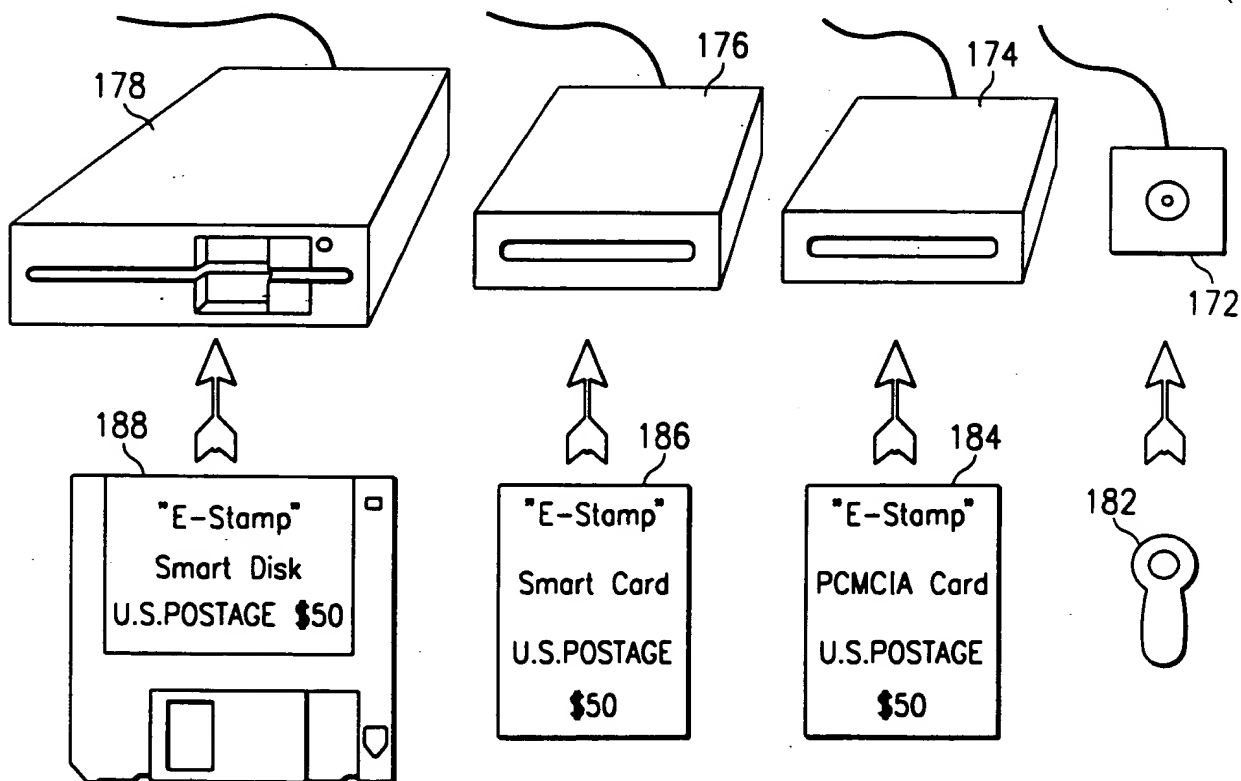


FIG. 1B



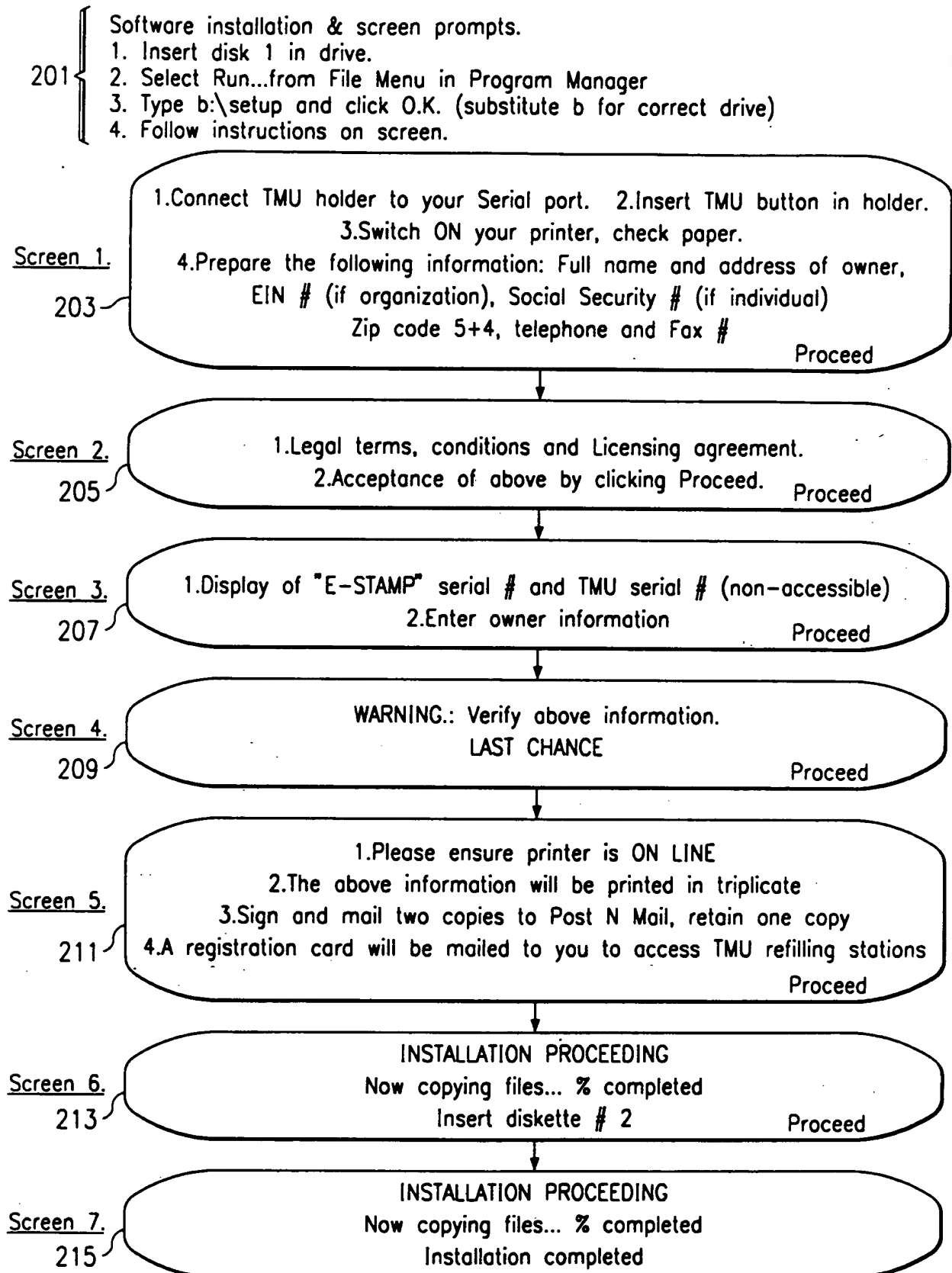
"E-Stamp" - Post N Mail, Inc.

FIG. 2

Post N Mail, Inc.
 505 Cypress Station Dr. Suite # 505 Telephone (713)583-8909 Fax (713)699-0101
 Houston, Tx 77030-1612

"E-Stamp"TM - Registration form

31 T.M.U. Button Serial #000000001 Date: April 20, 1994 } 33
 32 E-Stamp Serial #000000001 Time: 01:29 AM }
 35 Registered user:
 Individual Salim G. Kara Social Security # 636-18-0137
 Organization Global Impex, Inc. Employer I.N. # 76-0422781
 Address: 505 Cypress Station Dr.
 Suite #505
 City: Houston State: Tx Zipcode+4: 77090-1612
 Telephone: (713)583-8909 Fax: (713)699-0101

Post N Mail License Agreement

This is a legal agreement between you (an individual or an entity), the end user, and Post N Mail, Inc. If you do not agree to the terms of this Agreement, promptly return the disk package and accompanying items (including all hardware, written materials and binders or other containers) to the place you obtained them for a full refund.

License

1. Grant of License.
2. Term of License.
3. Copyright.
4. Other restrictions.
5. Limited warranty.
6. Customer remedies.
7. No Other Warranties.
8. No Liability for Consequential Damages.

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Signature

FIG. 3A

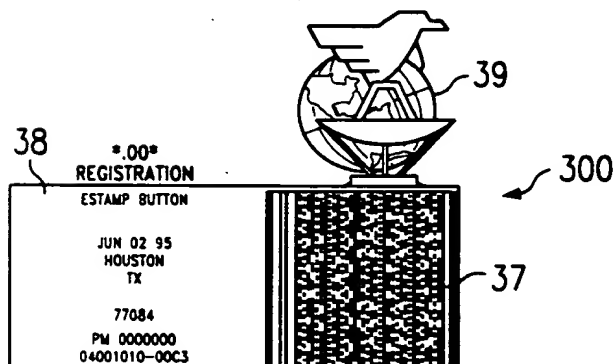


FIG. 3B

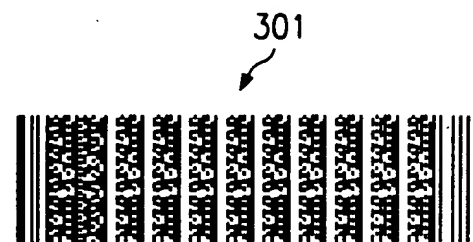


FIG. 3C

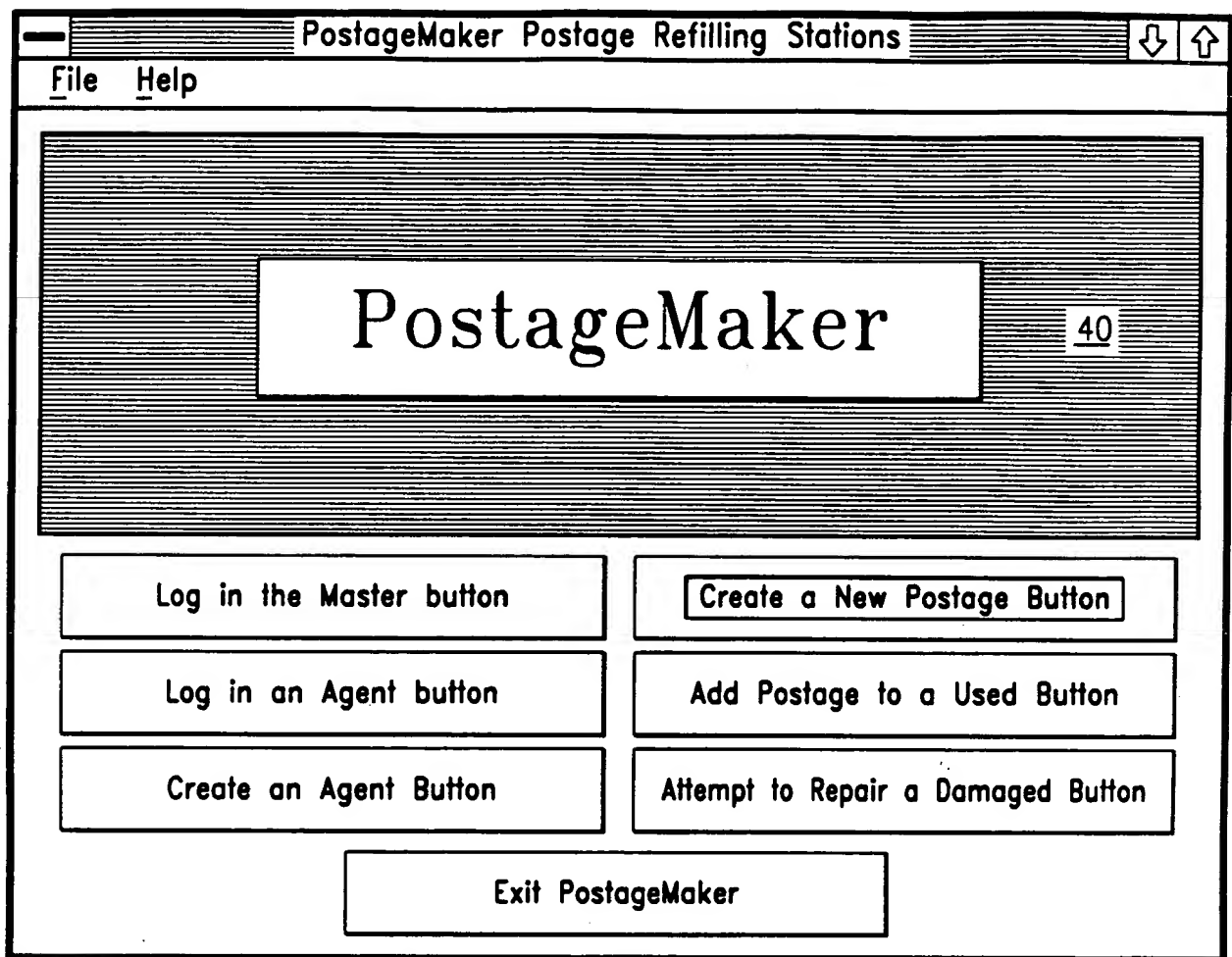


FIG. 4A

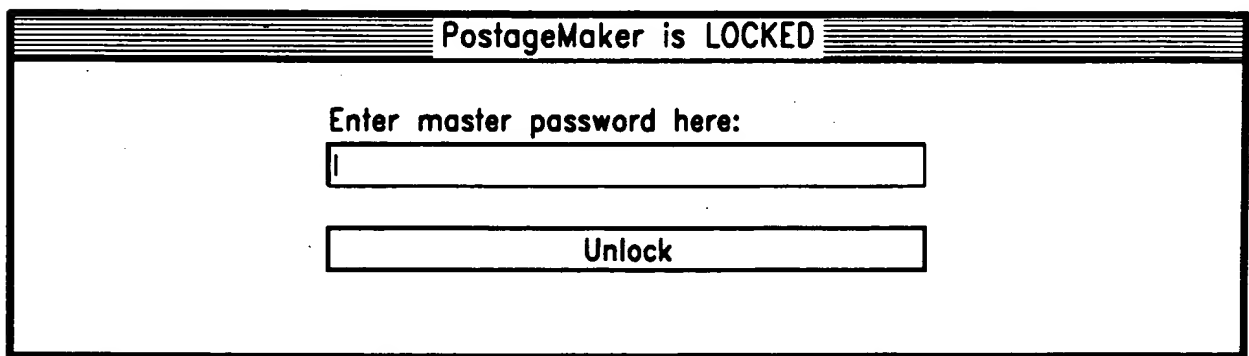
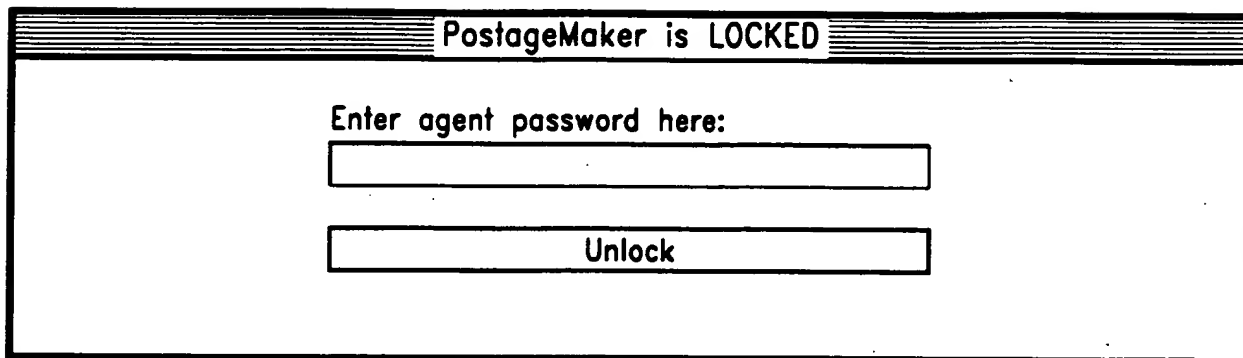
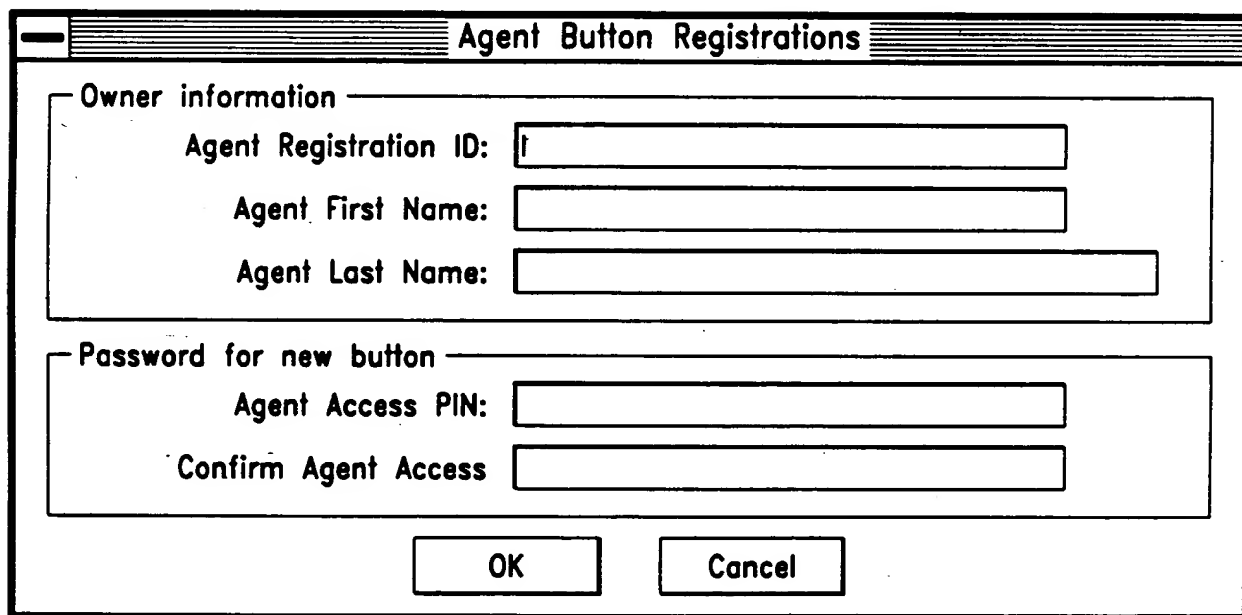


FIG. 4B



A dialog box titled "PostageMaker is LOCKED". It contains a text prompt "Enter agent password here:" followed by a single-line text input field. Below the input field is a button labeled "Unlock".

FIG. 4C

A dialog box titled "Agent Button Registrations". It contains two sections:

- Owner information**:
 - Agent Registration ID: [input field]
 - Agent First Name: [input field]
 - Agent Last Name: [input field]
- Password for new button**:
 - Agent Access PIN: [input field]
 - Confirm Agent Access: [input field]

At the bottom of the dialog are two buttons: "OK" and "Cancel".

FIG. 4D

FIG. 4C-51062860

Agent Button Registrations

Owner information —

Agent Registration ID:

Agent First Name:

Agent Last Name:

Password for new button —

Agent Access PIN:

Confirm Agent Access

FIG. 4E

PostageMaker

! Place new Agent Meter in first slot on One Wire Bus so we can format it. Hit [ENTER] when ready.

FIG. 4F

PostageMaker

! Agent has been registered on the button.

FIG. 4G

T06040-5T062860

PostageMaker	
!	Place new Postage Meter in first slot on One Wire Bus so we can format it. Hit [ENTER] when ready.
<input type="button" value="OK"/>	

FIG. 4H

RECEIPT	RECEIPT NO:	AG7654321
POSTAGE BUTTON REFILL SERVICES		5/25
TRANSACTION:		
AUTHORIZATION CODE: MA1234567	TRANSACTION DATE: 5/25/95	
	TRANSACTION TYPE: INITIALIZE	
	TRANSACTION AMOUNT:	2.00
POSTAGE BUTTON:		
SERIAL NO: 0800101000E0	OWNER:	
	OWNER ZIP CODE:	
	TRANSACTION COUNTER: 00	
	REMAINING CREDIT BALANCE:	2.00

FIG. 4I

Add Postage to a Button	
Button information	
Button Serial No.: 0800101000E0	Name:
PNM Registration No.:	Zip Code:
Last Access On: 05/25/95	Expires On: 08/23/95
Remaining Balance: \$2.00	
Add Postage	
Current Balance: \$2.00	
Transaction Balance:	<input type="text" value="100"/>
Button Refill Information	
Refill Date: 05/25/95	Refill Time: 12:37 PM
Site ID: 000001	Workstation 1
Refill Balance:	
<input type="button" value="OK"/> <input type="button" value="Accept"/> <input type="button" value="Re-Enter"/> <input type="button" value="Cancel"/>	

FIG. 4J

FIG. 4H

Add Postage to a Button

Button information

Button Serial No.: 0800101000E0 Name: Paul Alto

PNM Registration No.: Zip Code: 77026-4217

Last Access On: 05/25/95 Expires On: 08/23/95

Remaining Balance: \$2.00

Add Postage

Current Balance: \$102.09

Transaction Balance:

Button Refill Information

Refill Date: 05/25/95 Refill Time: 12:37 PM

Site ID: 000001 Workstation: 1

Refill Balance:

OK Accept Re-Enter Cancel

FIG. 4K

Add Postage to a Button

Button information

Button Serial No.: 0800101000E0 Name:

PNM Registration No.: Zip Code:

Last Access On: 05/25/95 Expires On: 08/23/95

Remaining Balance: \$2.00

Add Postage

Current Balance: \$2.00

Transaction Balance:

Button Refill Information

Refill Date: 05/25/95 Refill Time: 12:37 PM

Site ID: 000001 Workstation: 1

Refill Balance: \$102.00

OK Accept Re-Enter Cancel

FIG. 4L

T06070-5T06260

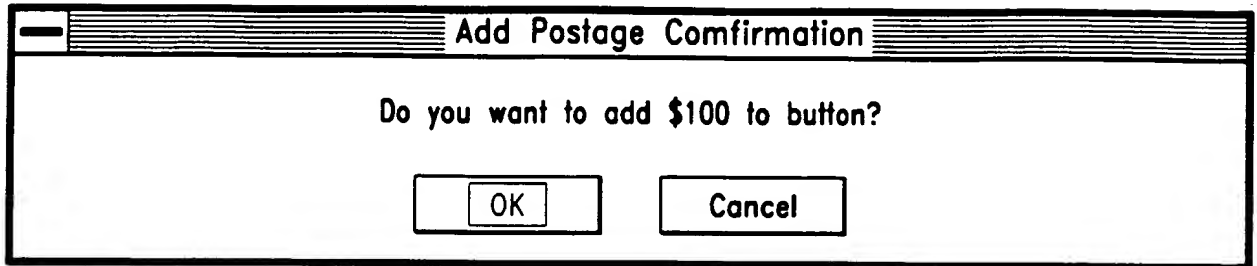


FIG. 4M

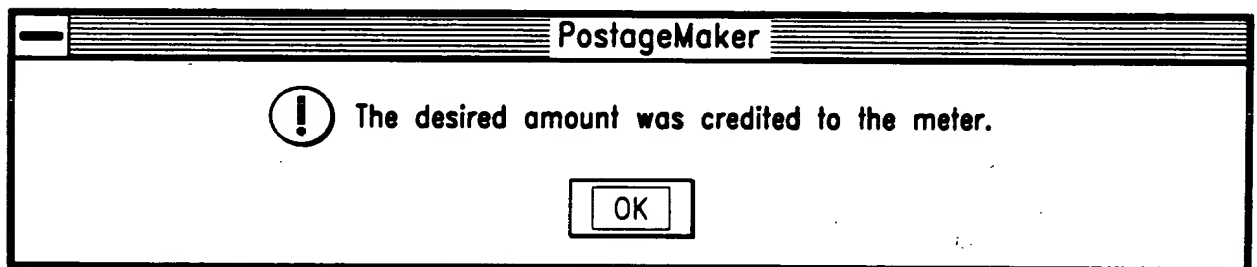


FIG. 4N

RECEIPT RECEIPT NO: AG7654321
POSTAGE BUTTON REFILL SERVICES 5/25
TRANSACTION:
AUTHORIZATION CODE: MA1234567 TRANSACTION DATE: 5/25/95
TRANSACTION TYPE: CREDIT
TRANSACTION AMOUNT: 100.00
POSTAGE BUTTON:
SERIAL NO: 0800101000E0 OWNER:
OWNER ZIP CODE:
TRANSACTION COUNTER: 01
REMAINING CREDIT BALANCE: 102.00

FIG. 4O

FIG. 4M

INTERNAL BUTTON CREDIT PROCESS

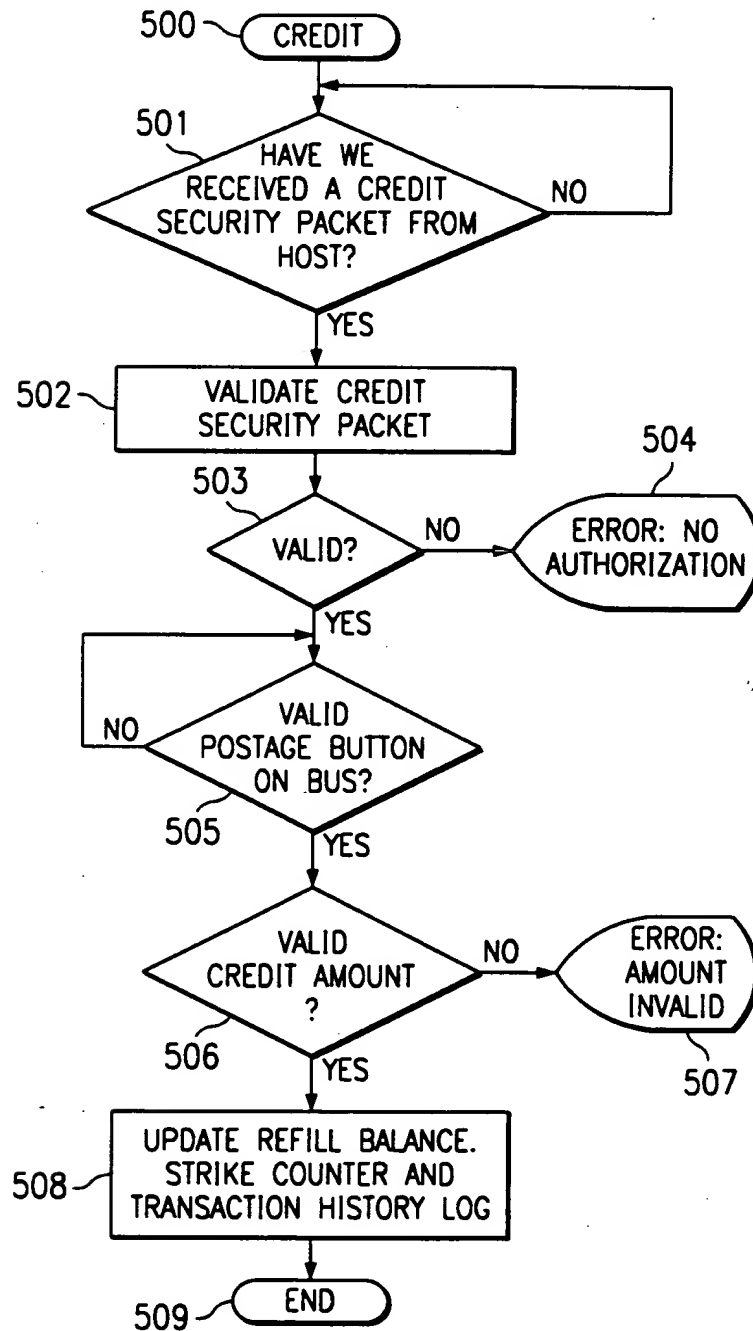


FIG. 5A

INTERNAL BUTTON DEBIT PROCESS

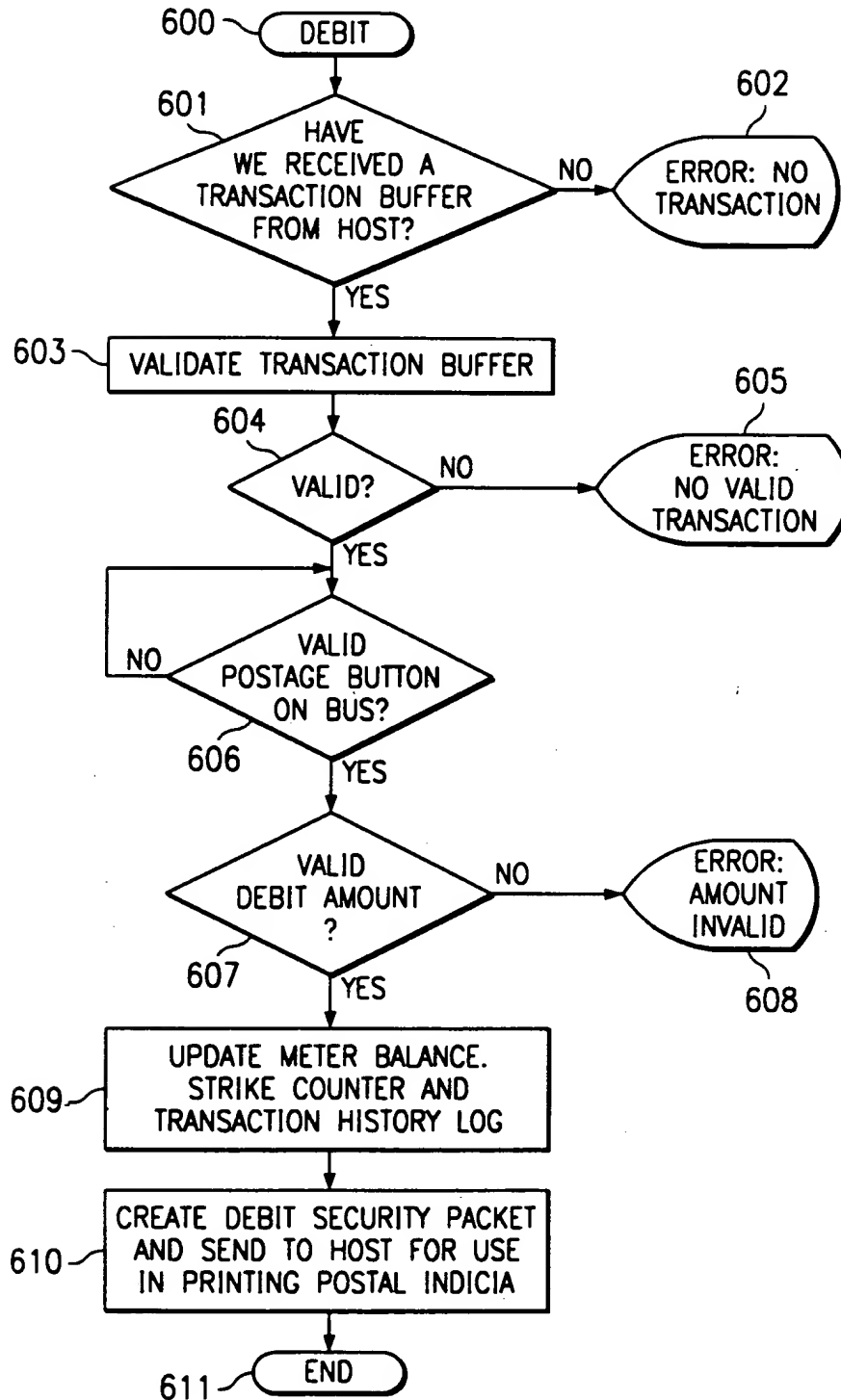


FIG. 5B

FIG. 6

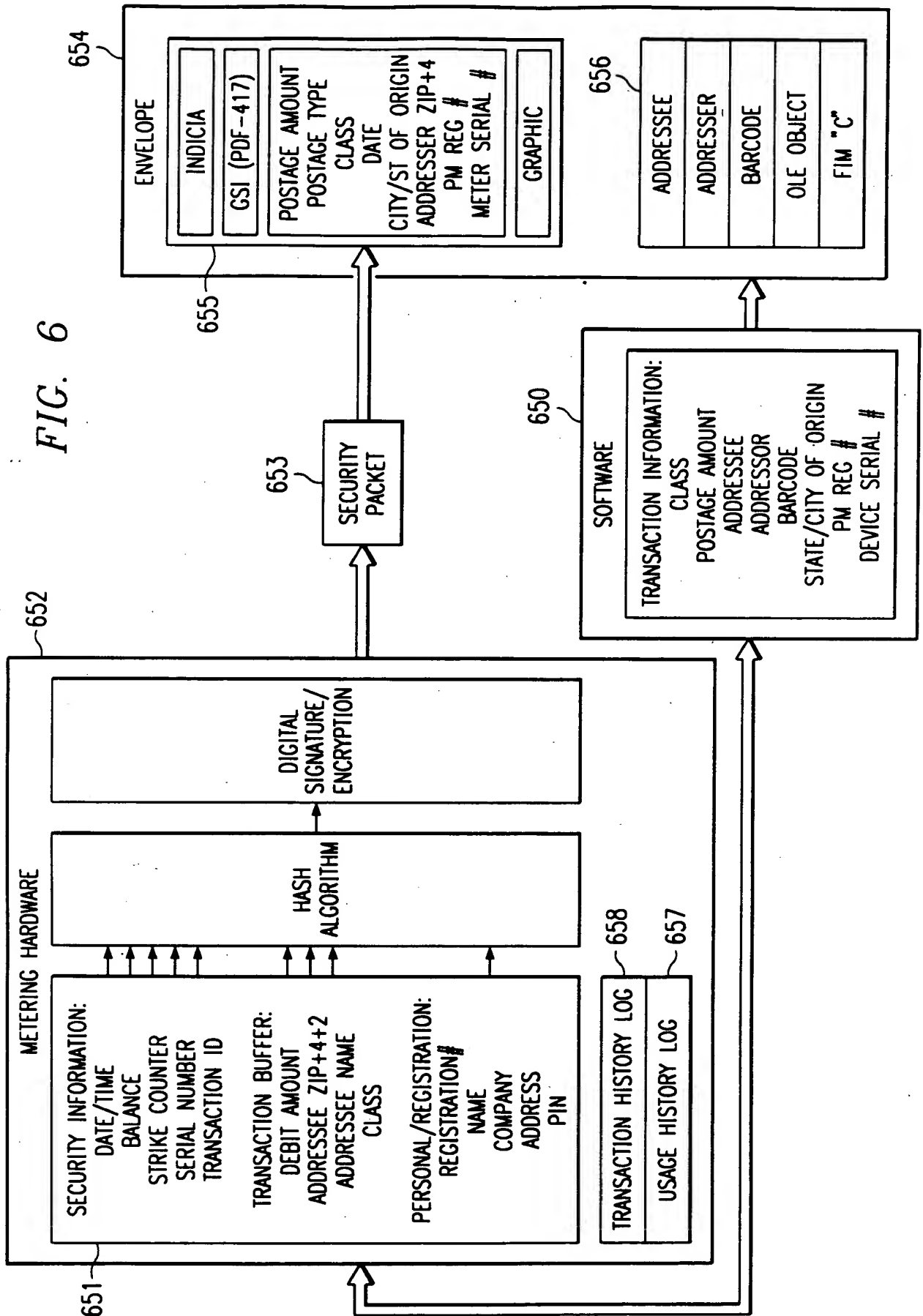


FIG. 7

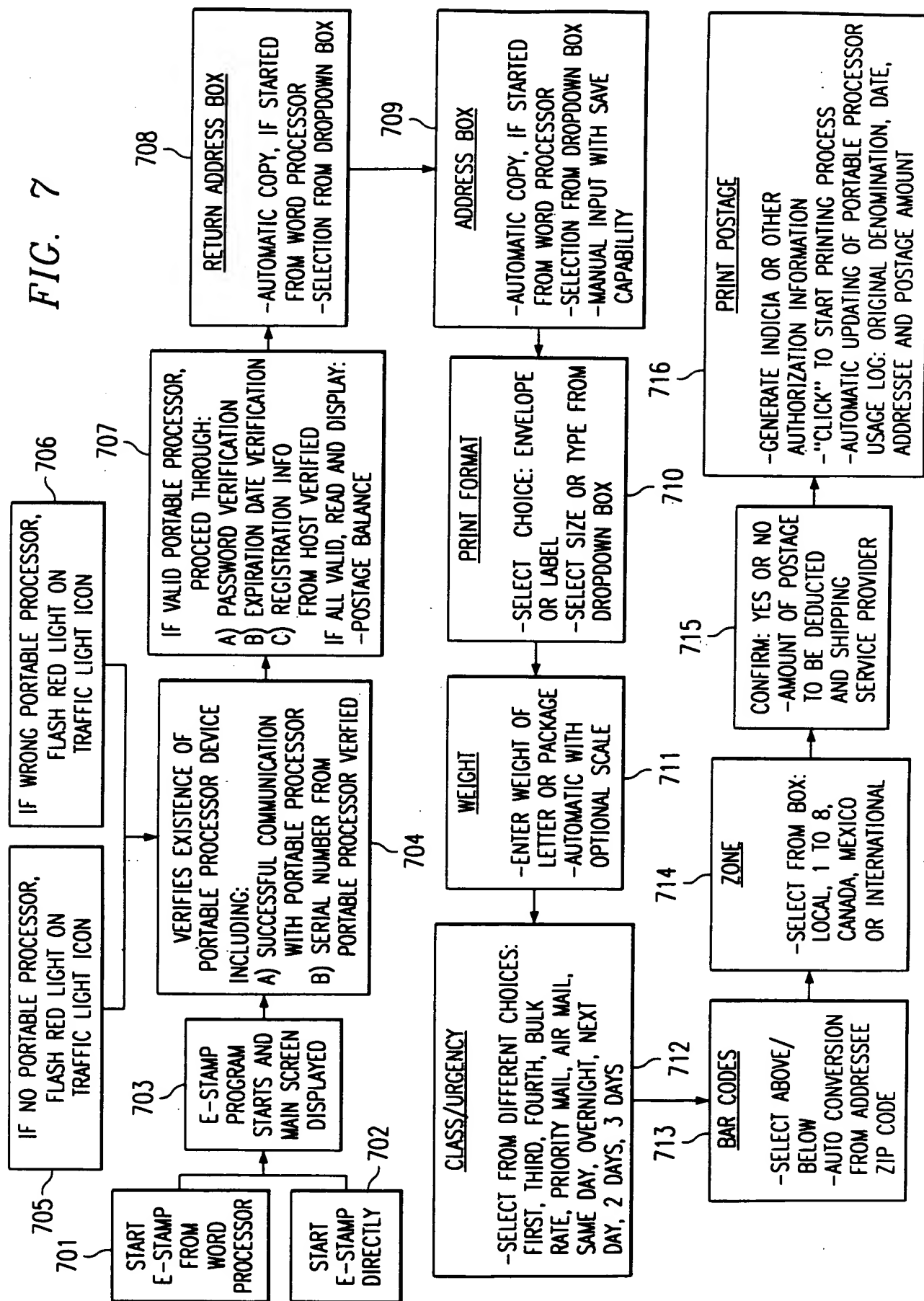


FIG. 8

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E-Stamp-(Form)

File Edit Layout Help

Return Address

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip:

☐ Do not print

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

☐ Barcode to right

☐ Barcode above

Name:

Company:

Address 1:

Address 2:

City:

State:

Country:

Zip: +4:

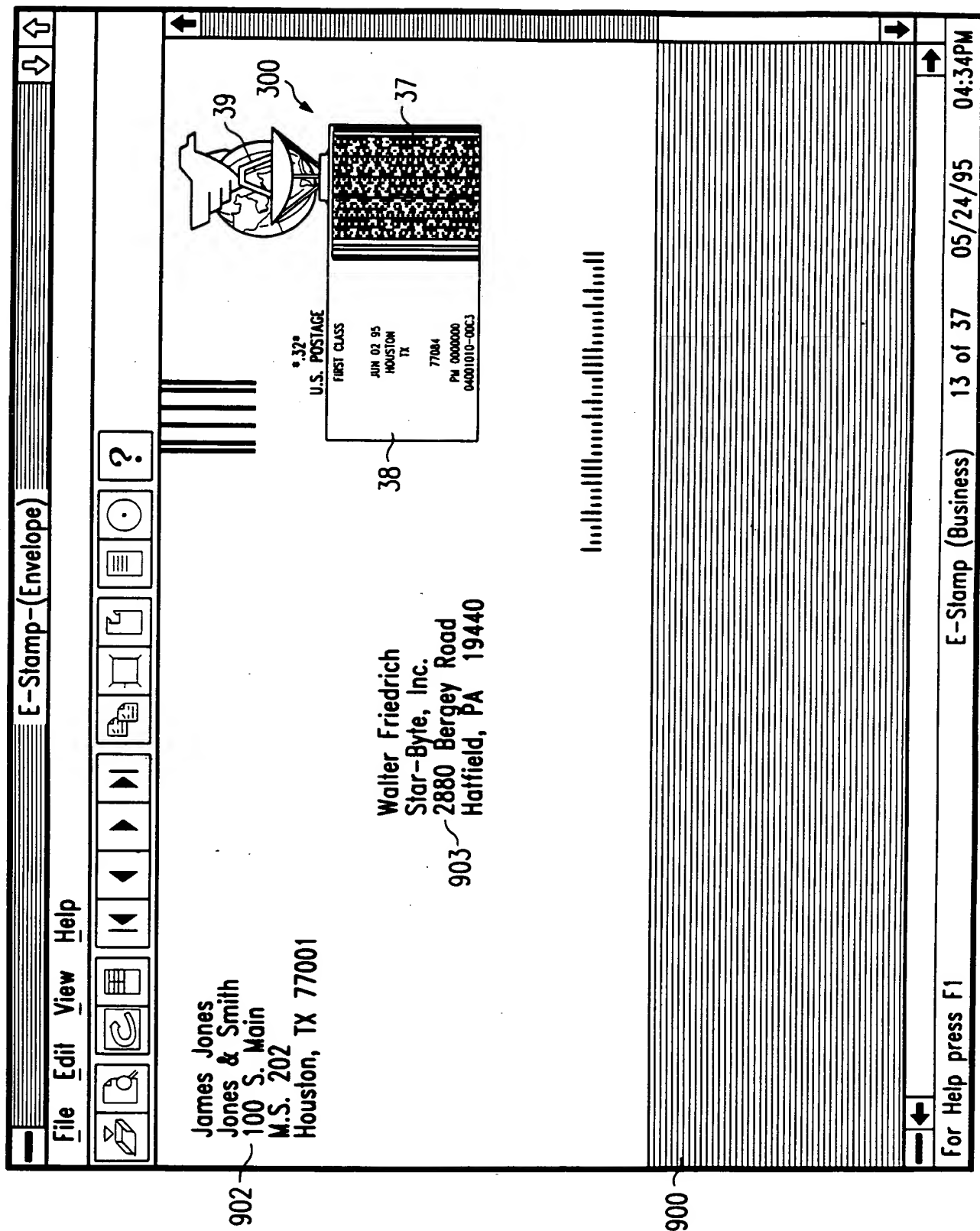
☐ Barcode to right

☐ Barcode above

FIG. 8A

E-Stamp-(Form)			
File Edit Layout Help Background On <input checked="" type="checkbox"/> Background Off Print... Print Preview Print Setup... Verify Addresses Connect Other Data... Import Yellow Export Yellow Import White Export White View Log file Print Log file Print Preview Log File Exit	 <input type="text"/> <input type="text"/> Suite 250 <input type="text"/> 22-2516 <input type="button" value="Save"/> <input type="button" value="Delete"/>	Address To Name: Mr. Jack T. Trotter Company: FALCON 900 INTERNATIONAL Address 1: 1000 Louisiana, Suite 3600 Address 2: City: Houston State: TX Zip: 77002 +4: 1212 Country: <div style="float: right; text-align: right;"> <input type="button" value="Browse"/> <input type="button" value="Font"/> <input type="button" value="Add"/> </div> <p> <input checked="" type="radio"/> Barcode to right <input type="radio"/> Barcode above </p>	Urgency <input type="checkbox"/> Same day <input checked="" type="checkbox"/> Overnight <input type="checkbox"/> Next day <input type="checkbox"/> 2 Days <input type="checkbox"/> 3 Days <input type="checkbox"/> Immaterial Selection & Comparison <input type="checkbox"/> US Post \$ <input type="checkbox"/> Federal Express \$ <input type="checkbox"/> DHL \$ <input type="checkbox"/> UPS \$ <input type="checkbox"/> Purolator \$ <input type="checkbox"/> Emery \$
Button Status Amount Remaining: <h2 style="margin: 0;">\$1001.680</h2> Button OK.		Postage Calculated <h2 style="margin: 0;">\$0.320</h2> <input type="checkbox"/> Manual	
Mail Weight: <input type="text"/> Pounds <input type="text"/> Ounces Zone: LOCAL <input type="text"/> Class: FIRST <input type="text"/> <input checked="" type="radio"/> Domestic <input type="radio"/> International		Label Starting position: 1 Set label position	

FIG. 9



POSTAGEMAKER BUTTON VALIDATION

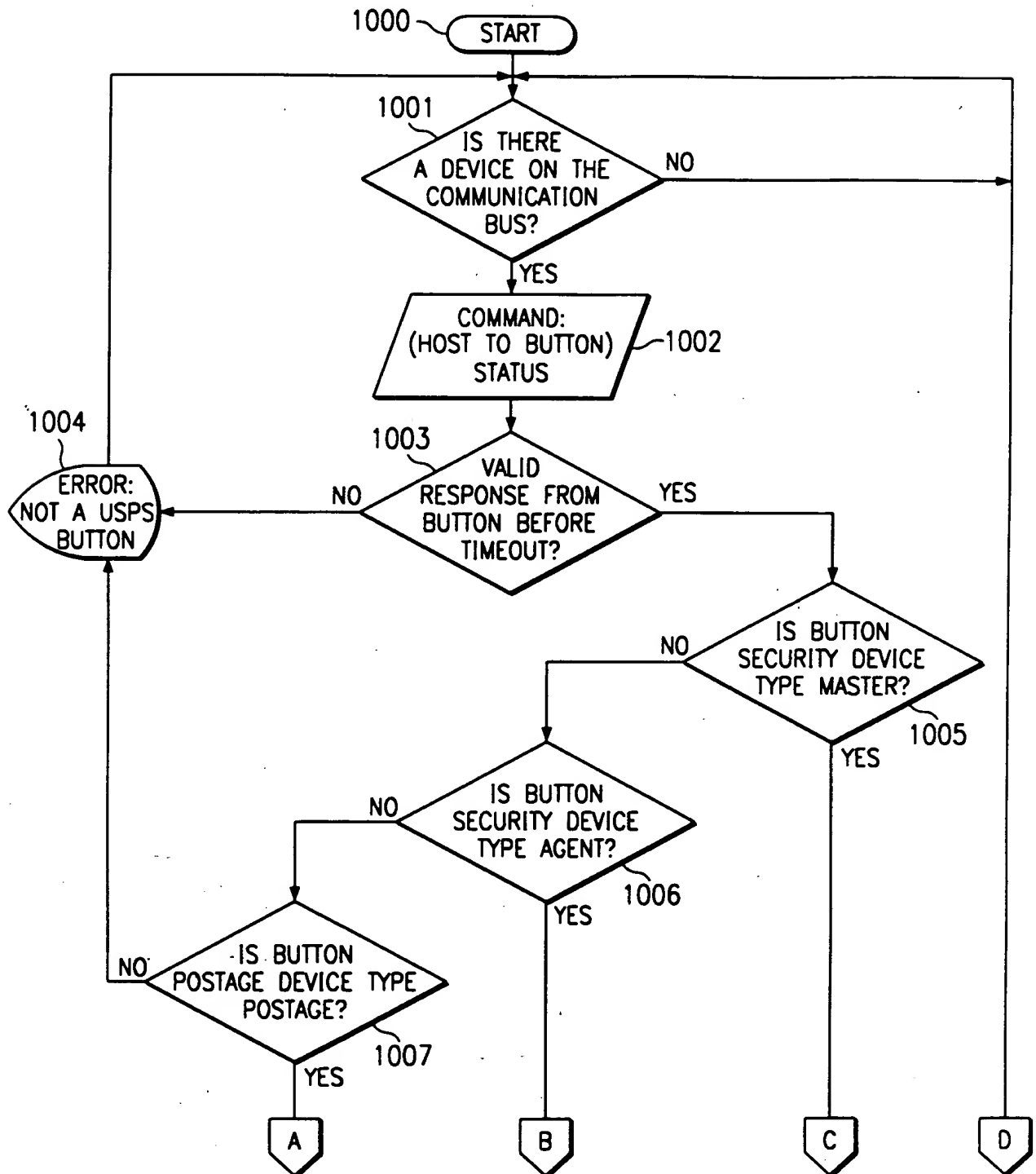


FIG. 10A

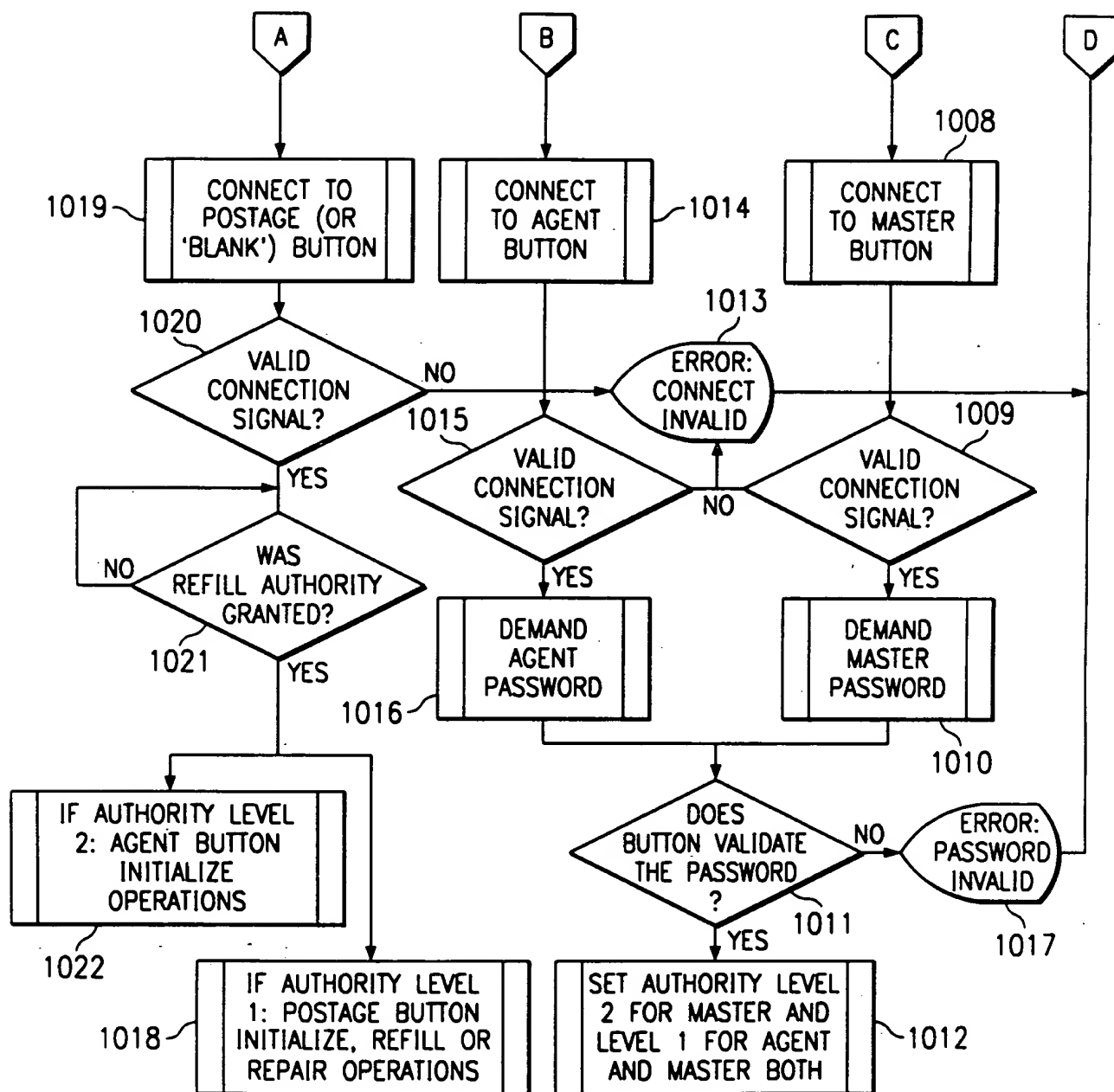


FIG. 10B

POSTAGEMAKER BUTTON
REFILL PROCESS

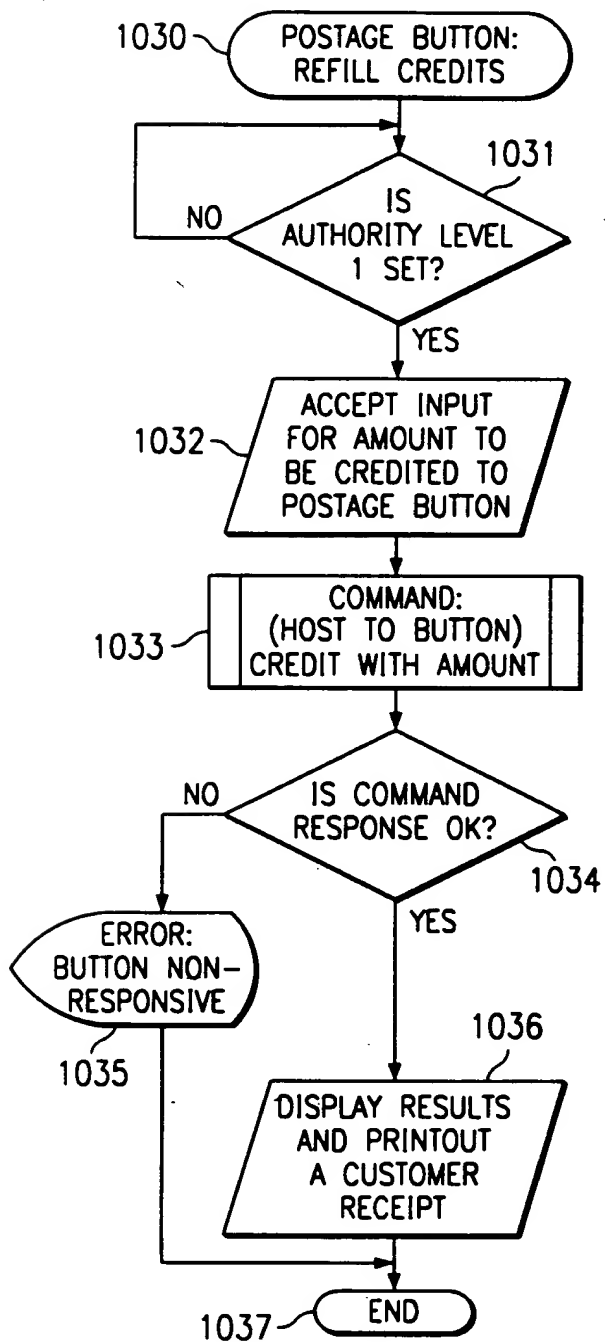


FIG. 10C

POSTAGEMAKER BUTTON
INITIALIZATION PROCESS

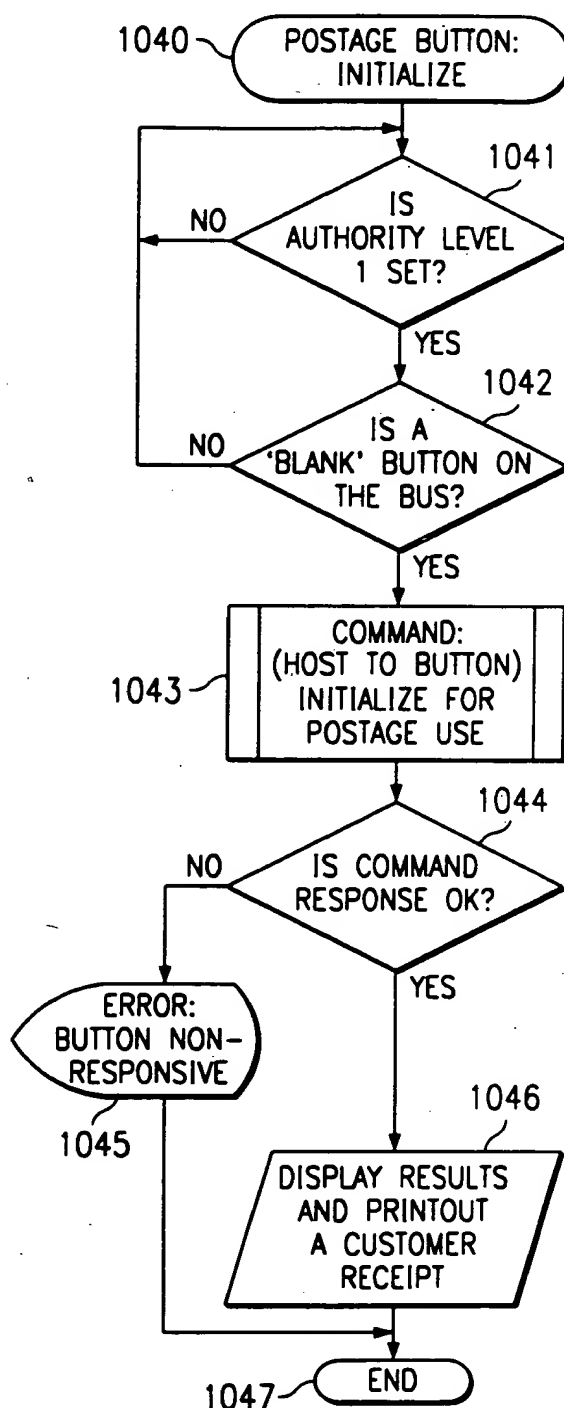


FIG. 10D

POSTAGEMAKER BUTTON REPAIR PROCESS

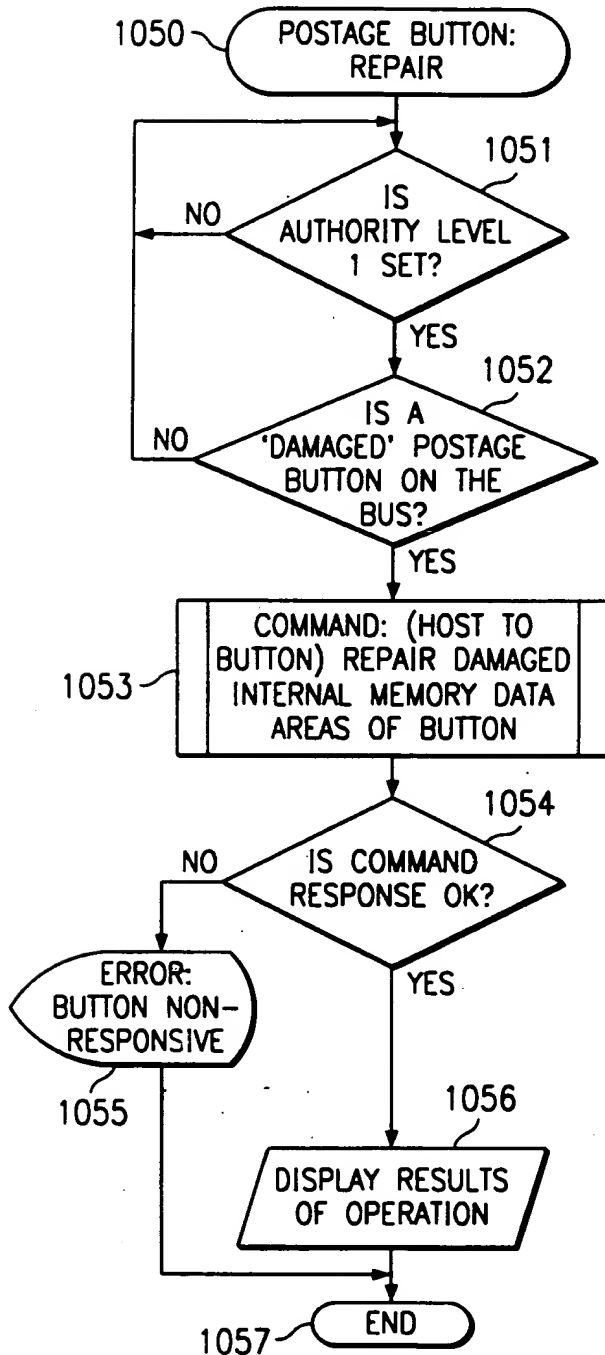


FIG. 10E

POSTAGEMAKER AGENT INITIALIZATION PROCESS

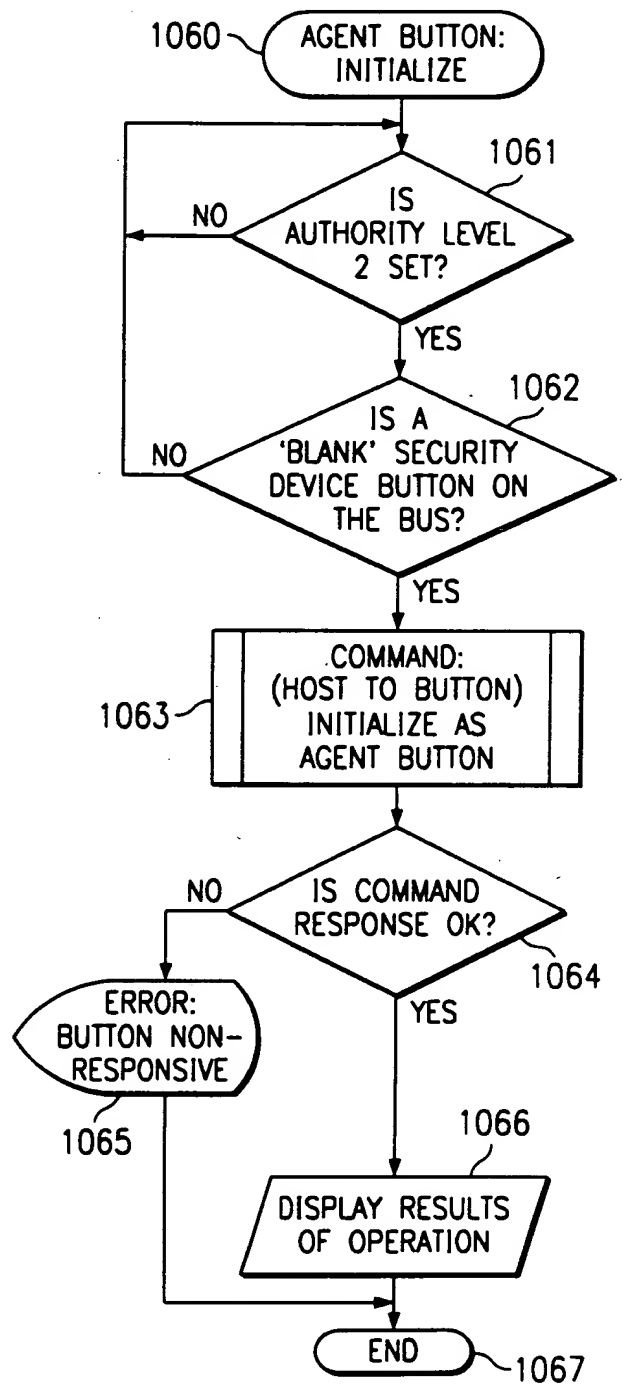
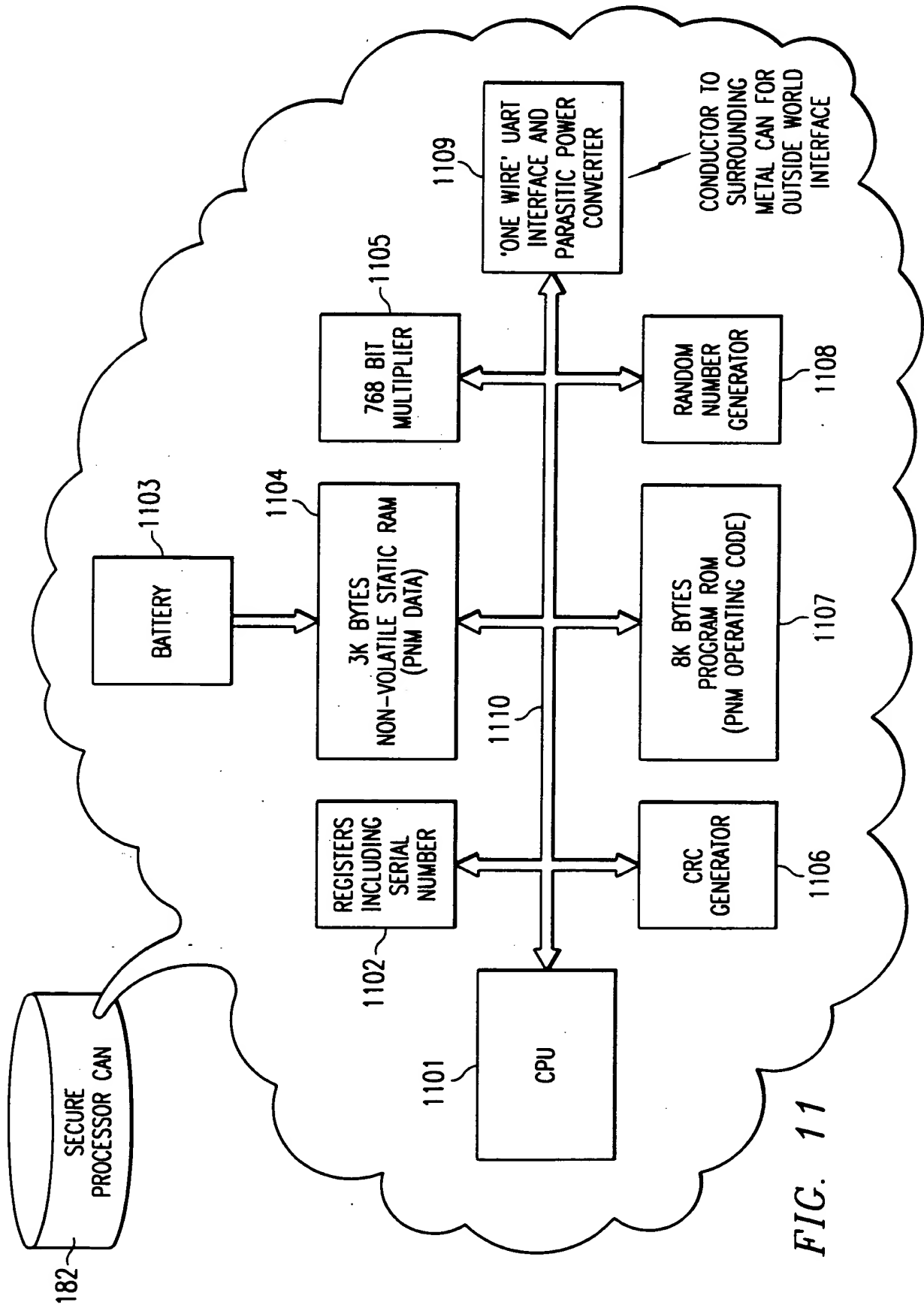


FIG. 10F



3k BYTES NON-VOLATILE STATIC RAM

CREATION DATE/TIME	CURRENT BALANCE
CREATING AGENT ID	STRIKE COUNTER
BUTTON TYPE: (POSTAGE)	BALANCE BEFORE LAST REFILL
PASSWORD	LAST REFILL DATE
USER REGISTRATION ID	LAST REFILL AMOUNT
USER NAME	LAST REFILL AGENT ID
USER ADDRESS	LAST REFILL POSTAL LOCATION ID
USER STATE	LAST REFILL STATION NUMBER
USER ZIP	TRANSACTION LOG
USER PHONE	EVENT LOG
USER FAX	ENCRYPTION KEYS

FIG. 12

1201

BLOCK DIAGRAM OF MEMORY LAYOUT FOR PREFERRED EMBODIMENT OF
PORTABLE SECURITY DEVICE PROCESSOR FOR AGENT AND MASTER

3k BYTES NON-VOLATILE STATIC RAM

CREATION DATE/TIME	TRANSACTION LOG
CREATING MASTER ID	EVENT LOG
BUTTON TYPE: (AGNT OR MSTR)	ENCRYPTION KEYS
PASSWORD	
AGENT REGISTRATION ID	
AGENT NAME	
AGENT LOCATION ADDRESS	
AGENT STATE	
AGENT ZIP	
AGENT PHONE	

FIG. 13

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FIG. 14

FIG. 14
SECURE METER PROCESS LOOP

